

Product datasheet for **TA319206**

NF-kB p65 (RELA) Rabbit Polyclonal Antibody

Product data:

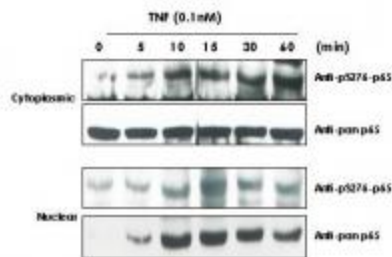
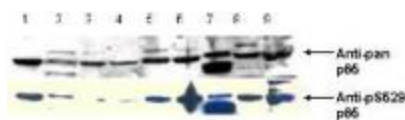
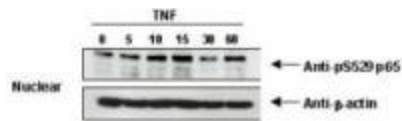
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:5,000 - 1:25,000, WB: 1:500 - 1:3,000, IHC: 1:200 - 1:1,000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NFkB p65 (Rel A) peptide corresponding to a region near phospho Serine 529 of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Formulation:	None
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RELA proto-oncogene, NF-kB subunit
Database Link:	NP_001138610 Entrez Gene 5970 Human Q04206
Synonyms:	NFKB3; p65
Note:	NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. Anti-NFkB antibody is ideal for Cell Biology, Nuclear Signaling, Neuroscience and Signal Transduction Research
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways:

Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:


TNF Induces phosphorylation of p65 in KBM-5 cells. Nuclear protein lysates prepared after 0, 5, 10, 15, 30 and 60 minutes of 0.1 nM TNF treatment of KBM-5 cells shows inducible phosphorylation using phospho specific polyclonal anti-human pS529 p65. Anti-beta-actin staining confirms loading of equivalent amounts of protein. HRP conjugated Gt-anti-Rabbit IgG was used to develop the blot using a chemiluminescent detection method. Data contributed by Aggarwal BB, personal communication.

Anti-pS529 shows phospho p65 staining in carcinoma cells.

TNF Induces phosphorylation of p65 in KBM-5 cells. Cytoplasmic and nuclear protein lysates prepared after 0, 5, 10, 15, 30 and 60 minutes of 0.1 nM TNF treatment of KBM-5 cells shows inducible phosphorylation using phospho specific polyclonal anti-human pS276 p65. Immunochemical's pan reactive anti p65 was used as a control to show the presence of total p65 in both the cytoplasmic and nuclear extracts. Phosphorylation of p65 occurs after approximately 10 min of TNF exposure.



Anti-pS276 shows phospho p65 staining in carcinoma cells.